

Docket ALBR:0094-1

Changes for Examiner's Amendment

1. (currently amended) A system for providing data and power signals from a network to a device, the system comprising:

a connector body having first and second sides;

an orientation-sensitive, multi-conductor plug on the first side, the plug being configured to be inserted into a mating receptacle ~~for transmitting~~ that transmits data and power from a network;

a pair of orientation sensitive, multi-conductor receptacles on the second side, each receptacle being configured to receive a mating plug of independently and removably matable device cables ~~for transmitting~~ that transmit data and power from the network to a ~~of~~-downstream device without interruption of data and power to a device coupled to the other receptacle; and

a plurality of conductive elements disposed within the body to define at least four separate conductive paths between the plug and the receptacles, including two data paths and two power paths.

10. (currently amended) A system for providing data and power signals from a network to a device, the system comprising:

an orientation-sensitive network receptacle ~~for transmitting~~ that transmits data and power from the network;

a connector matable with the receptacle, the connector including a connector body having first and second sides, an orientation-sensitive, multi-conductor plug on the first side, the plug being configured to be inserted into the network receptacle ~~for transmitting~~ that transmits data and power from the network, a pair of orientation sensitive, multi-conductor connector receptacles on the second side, the receptacles being configured to receive mating plugs ~~for transmitting~~ that transmit data and power from the network to a pair of downstream devices without interruption of data and power to either device, and a plurality of conductive elements disposed within the body to define at least four separate

conductive paths between the plug and the receptacles, including two data paths and two power paths; and

cable assemblies including plugs independently and removably matable with the connector receptacles ~~for transmitting that transmit~~ data ~~and/or~~ and power from the network to the pair of downstream devices.

31. (currently amended) A system for providing data and power signals from a network to a device, the system comprising:

a connector body having first and second sides;

an orientation-sensitive, multi-conductor plug on the first side, the plug being configured to be inserted into a mating receptacle ~~for transmitting that transmits~~ data and power from a network;

a pair of orientation sensitive, multi-conductor receptacles on the second side, each receptacle being configured to receive a mating plug of independently and removably matable device cables ~~for transmitting that transmit~~ data and power from the network to a downstream device without interruption of data and power to a device coupled to the other receptacle, the receptacles being configured to receive plugs identical to the plug of the connector; and

a plurality of conductive elements disposed within the body to define at least four separate conductive paths between the plug and the receptacles, including two data paths and two power paths.

wherein the receptacles are configured to receive plugs identical to the plug of the connector.